CERTIFICATE OF ELECTRONIC TRANSMISSION 37 C.F.R. § 1.8

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October 26, 2010 Electronic signature: / Melissa L. Sistrunk / Date Melissa L. Sistrunk (Reg. No. 45,579

Docket No.: HO-P02936US1

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Johan Engström *et al*.

Application No.: 10/587,428 Confirmation No.: 8156

Filed: April 18, 2007 Art Unit: 1797

For: FLOW PATHS COMPRISING ONE OR TWO Examiner: Seifu, L.T.

POROUS BEDS

RESPONSE TO OFFICE ACTION OF MAY 3, 2010

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

This submission is in response to the Final Office Action mailed May 3, 2010 ("the Action") and is accompanied by a Petition for Extension of Time of Three Months, a Request for Continued Examination, and the requisite fees.

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.